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(Only for new nonprovisional applications under 37 CFR 1.53(b))

**Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D.C. 20231**

Total Pages 48

## ACCOMPANYING APPLICATION PARTS

1. ☒ Transmittal Form with Fee
2. ☒ Specification (including claims and abstract) [Total Pages 29 ]
3. ☒ Drawings [Total Sheets 7 ]
4. ☒ Oath or Declaration [Total Pages 3 ]
  - a. ☒ Newly executed
  - b. ☐ Copy from prior application

**[Note Boxes 5 and 17 below]**

  - i. ☐ Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
5. ☐ Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program
7. ☐ Nucleotide and/or Amino Acid Sequence Submission
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy
  - c. ☐ Statement verifying above copies

8. ☒ Assignment Papers
9. ☒ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)
  - ☐ PTO-1449 Form
  - ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s)
  - ☐ Enclosed
  - ☐ Statement filed in prior application;  
status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
16. ☒ Other: Filing Fee Check US\$886.00,  
Duplicate Utility Transmittal Letter and  
PTO-1595

17. ☐ This is a CONTINUING APPLICATION. Please note the following:
- a. ☐ This is a ☐ Continuation ☐ Divisional ☐ Continuation-in-part of prior application
- b. ☐ Cancel in this application original claims \_\_\_\_ of the prior application before calculating the filing fee.
- c. ☐ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ divisional ☐ continuation-in-part of application Serial No. \_\_\_\_\_
- d. ☐ The prior application is assigned of record to \_\_\_\_\_

[Page 1 of 2]

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 00-335

## APPLICATION FEES

BASIC FEE				\$690.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	16 -20=		x \$18.00	\$ 0.00
Independent Claims	5 - 3=	2	x \$78.00	\$156.00
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable			+\$270.00	\$
Total of above calculations =				\$846.00
Reduction by 50% for filing by small entity =				\$ ( )
<input checked="" type="checkbox"/> Assignment fee if applicable			+ \$40.00	\$ 40.00
TOTAL =				\$886.00

18. ☐ Please charge my Deposit Account No. 13-2490 in the amount of \$19. ☒ A check in the amount of \$886.00 is enclosed.

20. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☒ Fees required under 37 CFR 1.18.

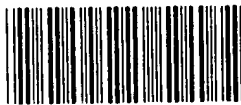
21. ☒ The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.

## 22. CERTIFICATE OF MAILING

I hereby certify that I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated below and is addressed to the Asst. Commissioner for Patents, Box Patent Application, Washington, DC 20231.

## 23. USPTO CUSTOMER NUMBER

PATENT &amp; TRADEMARK OFFICE



020306

## 24. CORRESPONDENCE ADDRESS

Name	McDonnell Boehnen Hulbert & Berghoff
Address	
City, State, Zip	

## 25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name	Timothy R. Baumann
Reg. No.	40,502
Signature	
Date	August 16, 2000